

CSAM CYTODOSE

The Leading Oncology Management Solution in the Nordics



Our Vision

Healthcare information
without boundaries

Our Mission

Enabling excellent healthcare by
providing innovative software solutions

Our Values

Caring for life



The Leading Oncology Management Solution in the Nordics

CSAM Cytodose is a decision support and medication management software that uses clinically validated protocols and patient parameters to deliver safe and effective treatment for oncology patients.

It is designed to support all aspects of medical care for cancer patients, with seamless integration flow between prescribers, pharmacies, and nurses. CSAM Cytodose provides support for all adult and pediatric cancers and cancer medications, including chemotherapy, immunotherapy, and hormone therapy.

Originally developed by clinicians at Norway's leading Cancer Center, and launched in 2001, CSAM Cytodose is now used by more than 40 hospitals in the Nordics, with millions of orders completed. It has a 15-year record of stability, reliability, and safety.

Seamless Integration & Comprehensive Functionality

CSAM Cytodose was developed and designed with the end-user in mind. It delivers superior interoperability, and can be integrated with new and existing systems, including electronic patient records (EPRs), lab systems, pharmacy billing and inventory management systems.

CSAM Cytodose offers complete flexibility of integrations for all levels of the clinical process, working across multiple treatment areas, bringing clinical treatment plans and resource management together in one place. It enables a seamless flow of critical information between physicians, pharmacies, nurses, labs, and patients.

With its comprehensive functionality, CSAM Cytodose enhances the quality and efficiency of prescribing, dispensing, administering and documenting all cancer-related medical treatments.





Reduces Costs with Safe & Accurate Prescribing

CSAM Cytodose delivers superior patient safety by reducing errors related to chemotherapy dosing and administration. Medical errors are one of the leading causes of recurring or extended hospital stays, increasing hospitals costs and budgets. CSAM Cytodose reduces these costs by accurately predicting the right medication and dosage based on clinically validated protocols in combination with the patient's unique characteristics. It also assists with the standardisation of patient treatment in oncology.

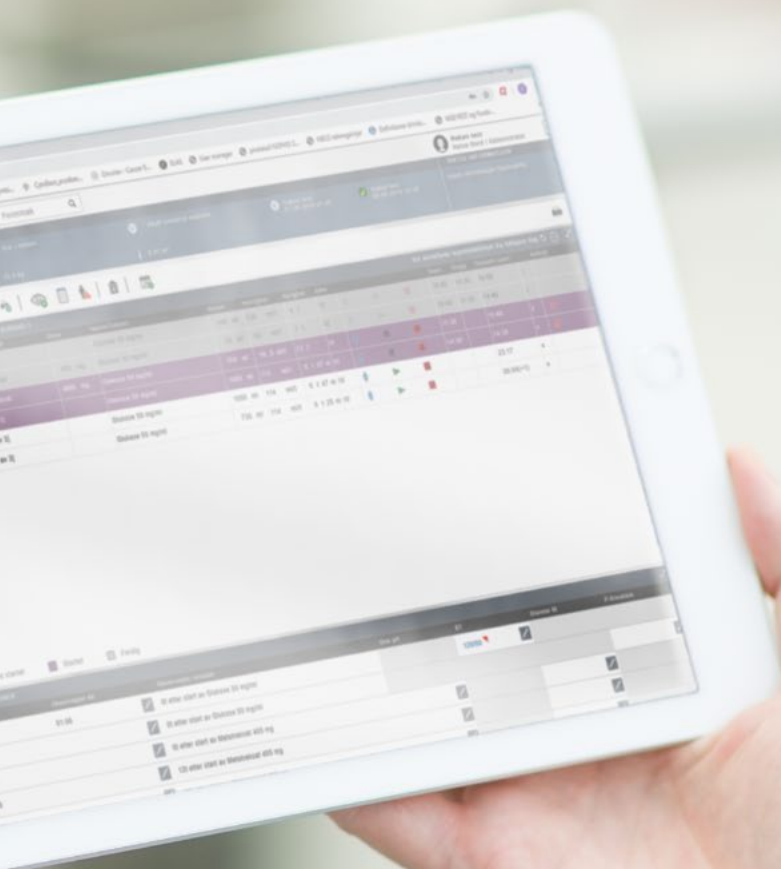
CSAM Cytodose provides a full view of a patient's medication record and clinical information, allowing the physician to prescribe and adjust doses based on lab results or clinical observations at the time of treatment. The system provides full traceability of changes, ensuring the safe and easy management of patient medication.

Increases Efficiency with Simple, Fast, & Reliable Workflow

CSAM Cytodose supports efficient workflow, reducing the time required to prescribe, prepare, and administer medication orders.

The solution provides advanced decision support to healthcare professionals in prescribing regimens and calculating individual patient doses for the most effective oncology treatment. CSAM Cytodose makes it easy to input patient data and determine the most appropriate dosage or course of treatment, saving valuable physician time. Regimes and protocols can also be created and shared between hospitals, leading to an extensive database of research and information available at the touch of a button.

CSAM Cytodose also eliminates the need for paper copies at all stages of medication management. Pharmacies automatically receive the prescription and calculation for production sheets and labels are completed automatically reducing manual labor and time. After the nurse administers treatment, the patient summary is automatically updated, reducing time spent manually updating the patient's file.





THE CSAM DIFFERENCE

Proven Performance, Customer Focus

For more than 15 years, CSAM has been providing oncology medication management and decision support in the Nordics. CSAM Cytodose was developed in coordination with local researchers, physicians, nurses, and pharmacists, and is continually updated to address the evolving needs of these customers and the healthcare system.

CSAM brings unparalleled experience and expertise within the Nordic healthcare market. Headquartered in Oslo with offices in Sweden, Denmark and Finland, they offer unmatched local knowledge, training, and support to customers. The company partners with customers, listening to their needs and working in partnership to develop products that provide the greatest value for their operations.

As with all of CSAM's products, CSAM Cytodose adheres to the highest standards of quality. Cytodose is currently under evaluation for class IIb according to the EU Medical Device Regulation.

Product features

The #1 Oncology Management Software in the Nordics

Since 2001, CSAM Cytodose has provided comprehensive oncology decision support and medication management, enabling physicians, pharmacists, and nurses to deliver safe and effective treatment to their patients. With its seamless integration and comprehensive functionality, Cytodose enables superior information flow for therapy planning, monitoring, and safe preparation of medications.

Cytodose supports the physician in ordering the correct dosage of medication, the pharmacist in efficiently and safely dispensing the medication, and the nurse in administering medication to the patient. It also provides support to the patient for at-home medications, and for hospital management in tracking critical data.

Easy & Accurate Prescribing

Cytodose features a simple and user-friendly interface that enables the electronic prescribing and dosing of all oncology medications with integrated workflow to pharmacies and nurses.

The system includes more than 200 comprehensive and clinically validated protocols based on national and international guidelines and allows physicians to create an unlimited number of unique protocols or regimens, with easy exporting and sharing among users. It enables the development of national and international protocols across hospitals with the latest research-based oncological treatment.

Cytodose provides the automatic calculation of dosages based on protocols and patient parameters, including height, BSA, renal clearance, age, and sex. It supports the creation of dose steps and dose banding to adjust doses automatically. It also allows for easy modification of rules and doses based on lab results or clinical observation.

Cytodose includes supportive medications in treatment protocols, such as anti-emetics, for comprehensive medication management.





Fast & Compliant Dispensing

Cytodose enables the efficient and patient-safe production of chemotherapy, immunotherapy, and hormone therapy medications at the pharmacy level with integrated workflow to physicians and nurses.

The system supports configurable procedure descriptions tailored to each drug, full production journal and automatic production of compliant worksheets and labels. It also provides support for clinical trials.

Cytodose integrates seamlessly with pharmacy systems for logistics and invoicing.

Safe & Efficient Administering

Cytodose supports the patient-safe administration of medication whether administered by nurses in the ward or patients at home. It includes comprehensive workflow support and documentation for nurses, with workflow integration to physicians and pharmacies.

The system adapts to all drug administration routes, including IV, oral, and intrathecal. It also records the administration of treatments and supportive medications, reducing manual labour and workloads.

Cytodose supports the at-home patient administration of medication with a printable medical list and overview of oral medications, ensuring patient safety when medicated at home.

Customized Management Tools

Cytodose provides critical management information via the Management Dashboard, such as statistics, costs overview and staff activities to assist management in decision making.

Security & Compliance

Cytodose offers a flexible reporting system and is fully compliant with national reporting requirements. It features rigorous safety and security for confidential patient data, with customized accesses and privileges that can be set by administrative staff based on each user's workflow. The system includes full traceability and versioning.

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CLASS I

Cytodose is currently under
evaluation for class IIb
according to the EU Medical
Device Regulation



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